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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dwayne Best Examiner #: 68951 Date: 3/10/04
 Art Unit: 2602 Phone Number 30 Serial Number: 10127330
 Mail Box and Bldg/Room Location: CPL 2 838 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

US 6419296 S

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>KEJ</u>		NA Sequence (#)	STN _____
Searcher Phone #:		AA Sequence (#)	Dialog _____
Searcher Location:		Structure (#)	Questel/Orbit _____
Date Searcher Picked Up:		Bibliographic	Dr.Link _____
Date Completed:	<u>Litigation</u>		Lexis/Nexis _____
Searcher Prep & Review Time:		Fulltext	Sequence Systems _____
Clerical Prep Time:		Patent Family	WWW/Internet _____
Online Time: <u>25</u>	Other		Other (specify) _____

Query/Command : prt max legalall

1/1 PLUSPAT - ©QUESTEL-ORBIT - image

- PN** - US2002033814 A1 20020321 [US2002033814]
- PN2** - US6492965 B2 20021210 [US6492965]
- TI** - (A1) Display device and luminance control method therefor
- PA** - (A1) MATSUSHITA ELECTRIC IND CO LTD (JP)
- PA0** - MATSUSHITA ELECTRIC INDUSTRIAL CO., Ltd; Osaka, [JP]
- PA2** - (B2) MATSUSHITA ELECTRIC IND CO LTD (JP)
- IN** - (A1) MORITA TOMOKO (JP); ISHIKAWA YUICHI (JP); KASAHIARA MITSUHIRO (JP)
- AP** - US99477501 20011128 [2001US-0994775]
- FD** - Divsn. of: US 09856161 - 20010731 [2001US-0856161] PENDING
PCT Natl Stage 371: US 09856161 - 20010731 [2001US-0856161]
PCT Natl Stage 371: WO PCT/JP00/06212 - 20000911 [2000WO-JP06212]
UNKNOWN
- PR** - US99477501 20011128 [2001US-0994775]
JP28322899 19991004 [1999JP-0283228]
US85616101 20010731 [2001US-0856161]
- IC** - (A1) G09G-005/00
- PCL** - ORIGINAL (O) : 345063000; CROSS-REFERENCE (X) : 345211000
345690000
- CT** - US6191505; US6270061; JP6282241; JP9-6283; JP9198005; JP9288467;
JP10215424; JP11194745; JP11212517; JP11231828; JP11288244; JP11-
283228; JP2001200087
An English Language abstract of JP 6-282241.

An English Language abstract of JP 9-6283.

An English Language abstract of JP 9-198005.

An English Language abstract of JP 10-215424.

An English Language abstract of JP 11-194745.

An English Language abstract of JP 11-288244.

An English Language abstract of JP 11-231828.

An English Language abstract of JP 9-288467.

An English Language abstract of JP 11-212517.
- ITE '98: 1998 ITE Annual Convention, along with a partial English Translation.
- STG** - (A1) Utility Patent Application published on or after January 2, 2001
- STG2** - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001

- AB** - A temperature difference estimated value is found from a video signal using a temperature estimated value representing the temperature of the panel outer periphery of a display screen of a PDP and a reference value representing the temperature of the panel outer periphery of the PDP which is outputted from a panel periphery temperature setter by a temperature difference estimator, and the luminance of an image displayed on a display is controlled depending on the temperature difference estimated value by a controller and a brightness controller.
- UP** - 2002-14

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6492965

<=1> Get Drawing Sheet 1 of 19

December 10, 2002

Display device and luminance control method therefor

REISSUE: December 4, 2003 - Reissue Application filed Ex. Gp.: 2673; Re. S.N.
10/727,330 (O.G. March 2, 2004)

APPL-NO: 994775 (09)

FILED-DATE: November 28, 2001

GRANTED-DATE: December 10, 2002

CORE TERMS: display, luminance, peripheral, estimated value, periphery, screen,
emitting, multiplication, video signal, format ...

LEXIS-NEXIS
Library: PATENT
File: ALL

[6,429,965 OR 6429965]

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

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For further explanation, press the H key (for HELP) and then the ENTER key.

6,429,965-OR-6429965/

LEXIS-NEXIS
Library: PATENT
File: JNLS

Your search request has found no ITEMS.

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What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

6,429,965 OR 6429965

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

s pn=us 6492965
S1 1 PN=US 6492965
? t 1/39/1

1/39/1
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
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16803410
Basic Patent (No,Kind,Date): WO 200126086 A1 20010412 <No. of Patents:
020>

Patent Family:

Patent No	Kind	Date	AppliC No	Kind	Date
CN 1327571	T	20011219	CN 2000802143	A	20000911
EP 1136975	A1	20010926	EP 2000957107	A	20000911
EP 1162595	A2	20011212	EP 2001121826	A	20000911
EP 1162596	A2	20011212	EP 2001121829	A	20000911
EP 1168290	A2	20020102	EP 2001121824	A	20000911
EP 1162595	A3	20030226	EP 2001121826	A	20000911
EP 1162596	A3	20030226	EP 2001121829	A	20000911
EP 1168290	A3	20030226	EP 2001121824	A	20000911
EP 1136975	A4	20030226	EP 2000957107	A	20000911
JP 2001109426	A2	20010420	JP 99283228	A	19991004
JP 3270435	B2	20020402	JP 99283228	A	19991004
US 20020033814	AA	20020321	US 994775	A	20011128
US 20020033815	AA	20020321	US 994794	A	20011128
US 20020036633	AA	20020328	US 994771	A	20011128
US 6414660	BA	20020702	US 856161	A	20010731
US 6441803	BA	20020827	US 994794	A	20011128
US 6492965	BB	20021210	US 994775	A	20011128
US 6509884	BB	20030121	US 994771	A	20011128
WO 200126086	A1	20010412	WO 2000JP6212	A	20000911 (BASIC)
TW 476054	B	20020211	TW 89118614	A	20000911

Priority Data (No,Kind,Date):

JP 99283228 A 19991004
WO 2000JP6212 W 20000911
EP 2000957107 A3 20000911
US 994775 A 20011128
US 856161 A3 20010731
US 994794 A 20011128
US 994771 A 20011128

PATENT FAMILY:

CHINA (CN)

Patent (No,Kind,Date): CN 1327571 T 20011219
DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): MITSUHIRO KASAHARA (JP); YUICHI ISHIKAWA (JP);
TOMOKO MORITA (JP)
Priority (No,Kind,Date): JP 99283228 A 19991004
AppliC (No,Kind,Date): CN 2000802143 A 20000911
IPC: * G09G-003/28; G09G-003/20
Derwent WPI Acc No: * G 01-625203
Language of Document: Chinese

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 1136975 A1 20010926
DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English;
French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);

MORITA TOMOKO (JP)
Priority (No,Kind,Date): WO 2000JP6212 W 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2000957107 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28; G09G-003/20
Language of Document: English
Patent (No,Kind,Date): EP 1162595 A2 20011212
Display device and luminance control method therefor Dispositif
d'affichage et sa methode de commande de luminance Anzeigevorrichtung
und Verfahren zur Luminanzsteuerung dafur (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121826 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Language of Document: English
Patent (No,Kind,Date): EP 1162596 A2 20011212
Display device and luminance control method therefor Dispositif
d'affichage et sa methode de commande de luminance Anzeigevorrichtung
und Verfahren zur Luminanzsteuerung dafur (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121829 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Language of Document: English
Patent (No,Kind,Date): EP 1168290 A2 20020102
Display device and luminance control method therefor Dispositif
d'affichage et sa methode de commande de luminance Anzeigevorrichtung
und Verfahren zur Luminanzsteuerung dafur (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121824 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Language of Document: English
Patent (No,Kind,Date): EP 1162595 A3 20030226
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English; French;
German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004
Applic (No,Kind,Date): EP 2001121826 A 20000911
Designated States: (National) DE; FR; GB
IPC: * G09G-003/28
Derwent WPI Acc No: * G 01-625203
Language of Document: English
Patent (No,Kind,Date): EP 1162596 A3 20030226
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English; French;

German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)
Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004

Applic (No,Kind,Date): EP 2001121829 A 20000911

Designated States: (National) DE; FR; GB

IPC: * G09G-003/28; G09G-003/20

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): EP 1168290 A3 20030226
DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English; French;
German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)

Priority (No,Kind,Date): EP 2000957107 A3 20000911; JP 99283228 A
19991004

Applic (No,Kind,Date): EP 2001121824 A 20000911

Designated States: (National) DE; FR; GB

IPC: * G09G-003/28; G09G-003/20

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): EP 1136975 A4 20030226
DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English;
French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)

Priority (No,Kind,Date): WO 2000JP6212 W 20000911; JP 99283228 A
19991004

Applic (No,Kind,Date): EP 2000957107 A 20000911

Designated States: (National) DE; FR; GB

IPC: * G09G-003/28; G09G-003/20

Derwent WPI Acc No: * G 01-625203

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 1136975 P 19991004 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1136975 P 20000911 EP AA JP 99283228 A 19991004
(PCT-ANMELDUNG) PCT-APPLICATION
WO 2000JP6212 W 20000911
EP 1136975 P 20000911 EP AE EP-APPLICATION
(EUROPAEISCHE ANMELDUNG)
EP 2000957107 A 20000911
EP 1136975 P 20010926 EP AK DESIGNATED CONTRACTING
STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

DE FR GB
EP 1136975 P 20010926 EP A1 PUBLICATION OF APPLICATION
WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
ANMELDUNG MIT RECHERCHENBERICHT)
EP 1136975 P 20010926 EP 17P REQUEST FOR EXAMINATION
FILED (PRUEFUNGSANTRAG GESTELLT)
20010607

EP 1136975 P 20011107 EP RAHF DIVISIONAL APPLICATION (ART.
 76) IN: (CORRECTION) (TEILANMELDUNG (ART.
 76) IN: (KORR.))
 EP 2001121824 A 20010911
 EP 1136975 P 20011107 EP RAHF DIVISIONAL APPLICATION (ART.
 76) IN: (CORRECTION) (TEILANMELDUNG (ART.
 76) IN: (KORR.))
 EP 2001121826 A 20010911
 EP 1136975 P 20011107 EP RAHF DIVISIONAL APPLICATION (ART.
 76) IN: (CORRECTION) (TEILANMELDUNG (ART.
 76) IN: (KORR.))
 EP 2001121829 A 20010911
 EP 1136975 P 20011212 EP AH DIVISIONAL APPLICATION (ART.
 76) IN: (TEILANMELDUNG (ART. 76) IN:)
 EP 1162595 P
 EP 1136975 P 20011212 EP AH DIVISIONAL APPLICATION (ART.
 76) IN: (TEILANMELDUNG (ART. 76) IN:)
 EP 1162596 P
 EP 1136975 P 20020102 EP AH DIVISIONAL APPLICATION (ART.
 76) IN: (TEILANMELDUNG (ART. 76) IN:)
 EP 1168290 P
 EP 1136975 P 20030226 EP AK DESIGNATED CONTRACTING
 STATES MENTIONED IN A SUPPLEMENTARY SEARCH
 REPORT: (IN EINEM ERGAENZENDEN
 RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)

 DE FR GB
 EP 1136975 P 20030226 EP A4 SUPPLEMENTARY SEARCH REPORT
 (ERGAENZENDER RECHERCHENBERICHT)
 20030113
 EP 1136975 P 20030604 EP 17Q FIRST EXAMINATION REPORT
 (ERSTER PRUEFUNGSBESCHEID)
 20030417
 EP 1162595 P 19991004 EP AA PRIORITY (PATENT
 APPLICATION) (PRIORITAET (PATENTANMELDUNG))

 JP 99283228 A 19991004
 EP 1162595 P 20000911 EP AA DIVIDED OUT OF
 (AUSSCHEIDUNG AUS)
 EP 2000957107 A3 20000911
 EP 1162595 P 20000911 EP AE EP-APPLICATION
 (EUROPAEISCHE ANMELDUNG)
 EP 2001121826 A 20000911
 EP 1162595 P 20011212 EP AC DIVISIONAL APPLICATION (ART.
 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
 EP 1136975 P
 EP 1162595 P 20011212 EP AK DESIGNATED CONTRACTING
 STATES IN AN APPLICATION WITHOUT SEARCH
 REPORT: (IN EINER ANMELDUNG OHNE
 RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)

 DE FR GB
 EP 1162595 P 20011212 EP A2 PUBLICATION OF APPLICATION
 WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
 ANMELDUNG OHNE RECHERCHENBERICHT)
 EP 1162595 P 20011212 EP 17P REQUEST FOR EXAMINATION
 FILED (PRUEFUNGSANTRAG GESTELLT)
 20010911
 EP 1162595 P 20030226 EP AK DESIGNATED CONTRACTING
 STATES IN A SEARCH REPORT: (IN EINEM
 RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)

DE FR GB
 EP 1162595 P 20030226 EP A3 SEPARATE PUBLICATION OF THE
 SEARCH REPORT (ART. 93) (GESONDerte
 VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
 (ART. 93))
 EP 1162595 P 20030528 EP 17Q FIRST EXAMINATION REPORT
 (ERSTER PRUEFUNGSBESCHEID)
 20030414
 EP 1162595 P 20031112 EP AKX PAYMENT OF DESIGNATION FEES
 (ZAHLUNG VON BENENNUNGSGBEUEHREN)
 DE FR GB
 EP 1162596 P 19991004 EP AA PRIORITY (PATENT
 APPLICATION) (PRIORITAET (PATENTANMELDUNG))

 JP 99283228 A 19991004
 EP 1162596 P 20000911 EP AA DIVIDED OUT OF
 (AUSSCHEIDUNG AUS)
 EP 2000957107 A3 20000911
 EP 1162596 P 20000911 EP AE EP-APPLICATION
 (EUROPAEISCHE ANMELDUNG)
 EP 2001121829 A 20000911
 EP 1162596 P 20011212 EP AC DIVISIONAL APPLICATION (ART.
 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
 EP 1136975 P
 EP 1162596 P 20011212 EP AK DESIGNATED CONTRACTING
 STATES IN AN APPLICATION WITHOUT SEARCH
 REPORT: (IN EINER ANMELDUNG OHNE
 RECHERCHENBERICHT BENANnte VERTRAGSSTAATEN)

 DE FR GB
 EP 1162596 P 20011212 EP A2 PUBLICATION OF APPLICATION
 WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
 ANMELDUNG OHNE RECHERCHENBERICHT)
 EP 1162596 P 20011212 EP 17P REQUEST FOR EXAMINATION
 FILED (PRUEFUNGSANTRAG GESTELLT)
 20010911
 EP 1162596 P 20030226 EP AK DESIGNATED CONTRACTING
 STATES IN A SEARCH REPORT: (IN EINEM
 RECHERCHENBERICHT BENANnte VERTRAGSSTAATEN)

 DE FR GB
 EP 1162596 P 20030226 EP A3 SEPARATE PUBLICATION OF THE
 SEARCH REPORT (ART. 93) (GESONDerte
 VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
 (ART. 93))
 EP 1162596 P 20030226 EP RIC1 CLASSIFICATION (CORRECTION)
 (KLASSIFIKATION (KORR.))
 7G 09G 3/28 A, 7G 09G 3/20 B
 EP 1162596 P 20030528 EP 17Q FIRST EXAMINATION REPORT
 (ERSTER PRUEFUNGSBESCHEID)
 20030411
 EP 1162596 P 20031112 EP AKX PAYMENT OF DESIGNATION FEES
 (ZAHLUNG VON BENENNUNGSGBEUEHREN)
 DE FR GB
 EP 1168290 P 19991004 EP AA PRIORITY (PATENT
 APPLICATION) (PRIORITAET (PATENTANMELDUNG))

 JP 99283228 A 19991004
 EP 1168290 P 20000911 EP AA DIVIDED OUT OF
 (AUSSCHEIDUNG AUS)

		EP 2000957107 A3 20000911
EP 1168290	P 20000911 EP AE	EP-APPLICATION (EUROPÄISCHE ANMELDUNG)
		EP 2001121824 A 20000911
EP 1168290	P 20020102 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 1136975 P
EP 1168290	P 20020102 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1168290	P 20020102 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1168290	P 20020102 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20010911
EP 1168290	P 20030226 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1168290	P 20030226 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDerte VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1168290	P 20030226 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 09G 3/28 A, 7G 09G 3/20 B
EP 1168290	P 20030528 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20030411
EP 1168290	P 20031112 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGBEUEHREN)
		DE FR GB

JAPAN (JP)

Patent (No,Kind,Date): JP 2001109426 A2 20010420
 DISPLAY DEVICE AND BRIGHTNESS CONTROL METHOD THEREFOR (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): KASAHARA MITSUHIRO; ISHIKAWA YUICHI; MORITA TOMOKO
 Priority (No,Kind,Date): JP 99283228 A 19991004
 Applic (No,Kind,Date): JP 99283228 A 19991004
 IPC: * G09G-003/28
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3270435 B2 20020402
 Priority (No,Kind,Date): JP 99283228 A 19991004
 Applic (No,Kind,Date): JP 99283228 A 19991004
 IPC: * G09G-003/28; G09G-003/20
 Derwent WPI Acc No: * G 01-625203
 Language of Document: Japanese

TAIWAN (TW)

Patent (No,Kind,Date): TW 476054 B 20020211
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
 Priority (No,Kind,Date): JP 99283228 A 19991004
 Applic (No,Kind,Date): TW 89118614 A 20000911
 IPC: * G09G-003/28; G09G-003/20

Derwent WPI Acc No: * G 01-625203

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 20020033814 AA 20020321

DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)

Priority (No,Kind,Date): US 994775 A 20011128; JP 99283228 A
19991004; US 856161 A3 20010731

Applic (No,Kind,Date): US 994775 A 20011128

National Class: * 345204000

IPC: * G09G-005/00

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): US 20020033815 AA 20020321

DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)

Priority (No,Kind,Date): US 994794 A 20011128; JP 99283228 A
19991004; US 856161 A3 20010731

Applic (No,Kind,Date): US 994794 A 20011128

National Class: * 345204000

IPC: * G09G-005/00

Derwent WPI Acc No: * G 01-625203

Language of Document: English

Patent (No,Kind,Date): US 20020036633 AA 20020328

DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)

Priority (No,Kind,Date): US 994771 A 20011128; JP 99283228 A
19991004; US 856161 A3 20010731

Applic (No,Kind,Date): US 994771 A 20011128

National Class: * 345204000

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Patent (No,Kind,Date): US 6414660 BA 20020702

DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
MORITA TOMOKO (JP)

Priority (No,Kind,Date): JP 99283228 A 19991004; WO 2000JP6212 W
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DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
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 DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
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 Language of Document: English
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 DISPLAY DEVICE AND LUMINANCE CONTROL METHOD THEREFOR (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP);
 MORITA TOMOKO (JP)
 Priority (No,Kind,Date): US 994771 A 20011128; JP 99283228 A
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 Applic (No,Kind,Date): US 994771 A 20011128
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US 20010856161 A	20010731	US REFW	CORRESPONDS TO PCT
		APPLICATION	
		WO 200126086 P	
US 6414660	P	19991004 US AA JP 99283228 A	PRIORITY (PATENT) 19991004
US 6414660	P	20000911 US AA WO 2000JP6212 W	PCT-APPLICATION 20000911
US 6414660	P	20010731 US AE (APPL. DATA (PATENT)) US 856161 A 20010731	APPLICATION DATA (PATENT)
US 6414660	P	20020702 US BA (NO PREVIOUS PRE-GRANT PUBLICATION)	PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
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US 6441803	P	20010731 US AA US 856161 A3 20010731	PRIORITY (DIVISION)
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US 20020033815	P	19991004 US AA	PRIORITY (PATENT)
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US 20020036633	P	19991004 US AA	PRIORITY (PATENT)
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US 20020036633	P	20011128 US AE	APPLICATION DATA (PATENT)
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DISPLAY DEVICE AND METHOD OF CONTROLLING ITS BRIGHTNESS (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD. (JP); KASAHARA MITSUHIRO (JP); ISHIKAWA YUICHI (JP); MORITA TOMOKO (JP)

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WO 200126086 P 20010412 WO AL DESIGNATED COUNTRIES FOR
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WO 200126086 P 20010412 WO A1 PUBLICATION OF THE
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INTERNATIONAL SEARCH REPORT (PUB. OF THE
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SEARCH REPORT)
WO 200126086 P 20010606 WO 121 EP: THE EPO HAS BEEN
INFORMED BY WIPO THAT EP WAS DESIGNATED IN
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WO 200126086 P 20010731 WO ENP ENTRY INTO THE NATIONAL
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